Amendments to the Claims

1.   (currently amended): A method for data transmission within a wireless communication system, the method comprising the steps of:

determining that data transmission <u>to a remote unit</u> needs to take place;

determining <u>one of a length of time that a current data transmission call of a remote unit has taken place and a link speed for a current data transmission call of a remote unit</u> ~~a communication system statistic~~; and

adjusting an idle-timer threshold based on <u>one of</u> the <u>length of time that the current data transmission call of the remote unit has taken place and the link speed for the current data transmission call of the remote unit</u> ~~communication system statistic~~, wherein ~~a~~ <u>the</u> current data transmission call is dropped if there exists no data transmission for a period of time greater than the idle-timer threshold.

2. – 7.   (cancelled)

8.   (currently amended): A method for data transmission within a communication system, the method comprising the steps of:

receiving data to be transmitted;

transmitting the data over an RF channel <u>to a remote unit</u>;

detecting a pause in the received data;

determining a time period for the pause in the received data;

determining one of <u>a length of time that a current data transmission call of a remote unit has taken place and a link speed for a current data transmission call of a remote unit</u> ~~a communication system statistic~~;

adjusting an idle-timer threshold based on the <u>one of the length of time that the current data transmission call of the remote unit has taken place and the link speed for the current data transmission call of the remote unit</u> ~~a communication system statistic~~;

comparing the time period to the idle-timer threshold; and

discontinuing transmission of the data if the time period is greater than the idle-timer threshold, otherwise continuing to transmit the data over the RF channel.

2

9. – 13. (cancelled)

14. (currently amended): An apparatus comprising:

data transmission circuitry for transmitting over an RF channel <u>to a remote unit</u>; and

an idle timer coupled to the data transmission circuitry, the idle timer detecting a time period that data transmission ceases; determines <u>one of a length of time that a current data transmission call of a remote unit has taken place and a link speed for a current data transmission call of the remote unit</u> ~~communication system statistic~~, and adjusting an idle-timer threshold based <u>on the one of the length of time that the current data transmission call of the remote unit has taken place and the link speed for the current data transmission call of the remote unit</u> ~~on the communication system statistic~~, wherein an RF channel is dropped if there exists no data transmission for a period of time greater than the idle-timer threshold.

15. – 19 (cancelled) The apparatus of claim 14 wherein the communication system statistic comprises an amount of system resources available to the communication system.

3